

## 3222 Packing - Data Sheet

Farnell

7023868 - P3222/250B  
7023789 - P3222/080B  
7023753 - P3222/032B  
7023777 - P3222/065B  
7023790 - P3222/095B  
7023807 - P3222/110B

7023819 - P3222/125B  
7023820 - P3222/140B  
7023832 - P3222/160B  
7023844 - P3222/190B  
7023856 - P3222/220B  
7023765 - P3222/050B

### *The Packing*

Purified expanded graphite yarn incorporating a graphite based lubricant into the matrix results in a resilient packing material with wide chemical and temperature ranges.

The special base material ensures that the packing resists degradation by normal mechanical and chemical attack, while excellent thermal conductivity and natural lubricity make this a very attractive packing for both pump and valve applications.

### *Construction*

A simple 2 track construction braided packing, making for consistency.

A fine sacrificial fibre is used to initially support the base yarn which is then lightly squared to retain flexibility.

### *Forms of Supply*

Standard size range:  
*3mm to 25mm*

Our packings are normally offered in standardised coils:

by length  
*8 metres per box*

by weight  
*sizes under 9.5mm 1kg/box  
9.5mm to 12.5mm 2kg/box  
over 12.5mm 4kg/box.*

Alternative lengths and weights can be offered on request.

### *Service Characteristics*

- Temperature -200 to 430C
- Static pressure 280 bar
- Dynamic pressure 20 bar
- Maximum speed 20m/sec
- pH range 0 to 14

### *Intended Applications*

- Turbine shafts
- Centrifugal pumps
- Chemical Pumps
- Ram pumps
- Globe Valves
- Gate Valves

### *Intended Industrial Environments*

- Petrochemical plants
- Chemical processing
- Power stations
- Refineries
- Steel Mills

### *Additional Information*

K3222 gives excellent results in valve applications to allow very low emissions, whereas in pumping applications controlled leakage is a feature.

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